

REMARKS

Claims 3 and 4 have been amended to correct the Markush terminology used therein.

Claim 4 has also been amended to eliminate the typographical error pointed out by the Examiner.

The rejection of Claims 1-4 and 8 under 35 U.S.V. 102(b) as anticipated by Hagiwara et al. is considered to lack merit.

The Hagiwara et al. patent is not considered to teach, or even suggest, the color picture screen defined by even Claim 1, the most generic claim.

Unlike the art to which Claim 1 is directed the color picture screen art, the Hagawara et al. patent is directed to the completely non-analogous fluorescent lamp art, an art to which a person of ordinary skill in the color picture screen art would not look to for any teaching or suggestion.

The rejection of Claims 1-4 and 8 under 35 U.S.C. 102(b) as anticipated by Yano et al is considered to lack merit.

The Yano et al. patent is not considered to teach, or even suggest, the color picture screen defined by even Claim 1, the most generic claim.

The art to which the Yano et al. patent is directed, the fluorescent discharge lamp art, is so completely non-analogous to the color picture screen art, the art to which Claim 1 is directed, that a person of ordinary skill in the color picture screen art would have no incentive to look to the Yano et al. patent for any teaching or suggestion.

The rejection of Claims 5, 6 and 9 under 35 U.S.C. 103(a) as unpatentable over Hagiwara et al. in view of Jeong et al. is considered to lack merit.

The Hagiwara et al. patent is not considered to teach, or even suggest, the color picture screen defined by Claims 5, 6 and 9 for reasons given in regard to parent Claim 1.

The Jeong et al. patent is not considered to fill the gaps in the teaching of the Hagiwara et al. patent.

While the Jeong et al. patent shows a color picture screen containing a blue emitting phosphor, it does not teach the presence of a blue phosphor layer comprising a mixture of a first layer having a light emission in the range of from 430 to 490nm and a second phosphor having a light emission in the range from 380-450nm. Instead the Jeong et al. patent shows the presence of a mixture of a single blue emitting phosphor (ZnS:Ag,Al) and at least one green emitting phosphor in an amount below 20 wt % .

It should be noted that the Abstract and Claim 1 of the Jeong et al. patent teaches that $Y_3(Al,Ga)_5O_{12}:Tb$ is a green emitting phosphor and not a blue emitting phosphor as indicated by the Examiner.

The rejection of Claim 7 under 35 U.S.C. 103(a) as unpatentable over Hagiwara et al. in view of Lee et al. is considered to lack merit.

The Hagiwara et al. patent is not considered to teach, or even suggest, the color picture screen defined by Claim 7 for reasons given in regard to parent Claim 1 and for failure to teach, or even suggest that the blue layer comprise a base layer comprising a phosphor having a light emission in the range of from 430 to 490nm and a covering layer comprising a phosphor having a light emission in the range of from 380 to 450nm .

The Lee et al. patent is not considered to fill the above-noted gaps in the teaching of the Hagiwara et al. patent.

It is considered that the art to which the Hagiwara et al. patent is directed, the fluorescent lamp art, is so non-analogous to the art to which the Lee et al. patent is directed, the color picture screen art, that a person of ordinary skill in the color picture screen art would find no incentive to modify the teaching of the Hagiwara et al. patent by any teaching , or suggestion, of the Lee et al. patent.

Additionally, even if combined, the teachings of the Hagiwara et al. and the Lee et al. patents would not even suggest a color picture screen having a blue phosphor layer comprising a base layer comprising a phosphor having a light emission in the range of from 430-490 nm and a covering layer comprising a phosphor having a light emission in the range of from 380-450nm. Neither of these patents shows, or even suggests, such a blue phosphor layer.

An early allowance of the claims and case is requested.

Respectfully submitted,

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On Feb. 28, 2003

By Elissa DeLucy

CLAIMS AS AMENDED

3. (Amended) A color picture screen as claimed in claim 1, characterized in that the second phosphor is chosen from the group comprising consisting of Tb³⁺-activated phosphors, Eu²⁺-activated phosphors, Bi³⁺-activated phosphors, Ga³⁺-activated phosphors, and Ce³⁺-activated phosphors.

4. (Amended) A color picture screen as claimed in claim 3, characterized in that the second phosphor is chosen from the group comprising consisting of LaOBr:Tb, Y₂O₂S:Tb, Y₃Al₅O₁₂:Tb, Ca₃(PO₄)₂:Eu, Sr₂P₂O₇:Eu, (Sr,Mg)₂P₂O₇:Eu CaB₂P₂O₉:Eu, CaSO₄:Eu, CaO:Bi, ZnO:Ga and (Y,Gd)BO₃:Ce.